## IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An apparatus, comprising:

a unitary, substantially uniformly distributed transfer material forming a mesh; and

a carrier material coupled to the unitary, substantially uniformly distributed transfer material, wherein a plurality of elements included in the unitary, substantially uniformly distributed transfer material are distributed in a substantially repeating pattern.

2. (Original) The apparatus of claim 1, wherein the unitary, substantially uniformly distributed transfer material further comprises at least one of a component transfer material including bismuth, copper, gold, indium, zinc, antimony, magnesium, lead, silver, tin, and alloys thereof.

3. (Original) The apparatus of claim 1, wherein the carrier material further comprises at least one of a component carrier material including a polymer, an elastomer, a hardener, a catalyst, a reactive diluent, an adhesion promoter, a surfactant, a deforming agent, a fluxing agent, a toughening agent, a coupling agent, an epoxy, an ester, a siloxane, a polyamide, a silicone, a rubber, and a wetting agent.

4. (Currently Amended) An apparatus, comprising:

a unitary, substantially uniformly distributed transfer material forming a mesh; and

a carrier material coupled to the unitary, substantially uniformly distributed transfer material, ~~The apparatus of claim 1,~~ wherein the [[a]] plurality of elements included in the unitary, substantially uniformly distributed transfer material are distributed on a grid pattern.

5. (Currently Amended) An apparatus, comprising:

a unitary, substantially uniformly distributed transfer material forming a mesh; and

a carrier material coupled to the unitary, substantially uniformly distributed transfer material, ~~The apparatus of claim 1,~~ wherein the unitary, substantially uniformly distributed transfer material further comprises[[:]] a plurality of substantially similar geometric objects.

6. (Original) The apparatus of claim 5, wherein the plurality of substantially similar geometric objects are arranged in a substantially repeating pattern.

7. (Original) The apparatus of claim 5, wherein the plurality of substantially similar geometric objects includes a plurality of regular geometric objects.

8. (Original) The apparatus of claim 5, wherein the plurality of substantially similar geometric objects includes a plurality of irregular geometric objects.

9. (Original) The apparatus of claim 5, wherein at least one of a height, a shape, and a spacing of the plurality of substantially similar geometric objects is selected based on a desired volume of the unitary, substantially uniformly distributed transfer material.

10. (Original) The apparatus of claim 5, wherein the unitary, substantially uniformly distributed transfer material comprises a plurality of connecting elements to couple the plurality of substantially similar geometric objects to each other.

11. (Original) The apparatus of claim 10, wherein the plurality of connecting elements are arranged in a substantially repeating pattern.

Claims 12. – 17. (Canceled)

18. (Currently Amended) A system, comprising:
a wireless transceiver;
a die including a circuit coupled to the wireless transceiver; and

a unitary, substantially uniformly distributed transfer material forming a mesh and adjacent the die and coupled to a carrier material~~The system of claim 17~~, wherein a plurality of elements included in the unitary, substantially uniformly distributed transfer material are distributed in a substantially repeating pattern.

19. (Original) The system of claim 18, further comprising:

a plurality of connecting elements to couple the plurality of elements included in the unitary, substantially uniformly distributed transfer material to each other.

20. (Original) The system of claim 18, wherein the substantially repeating pattern comprises a parallel pattern.

21. (Original) The system of claim 18, wherein the substantially repeating pattern comprises a grid pattern.

22. (Currently Amended) A system, comprising:

a wireless transceiver;

a die including a circuit coupled to the wireless transceiver; and

a unitary, substantially uniformly distributed transfer material forming a mesh and adjacent the die and coupled to a carrier material~~The system of claim 17~~, wherein the unitary, substantially uniformly distributed transfer material further comprises[[:]] a plurality of substantially similar geometric objects distributed in a grid pattern.

23. (Original) The system of claim 22, wherein at least one of a height, a shape, and a spacing of a plurality of substantially similar geometric objects is selected based on a package stress associated with the die.

24. (Currently Amended) The system of claim 18[[17]], further comprising:

a heat dissipating element coupled to the unitary, substantially uniformly distributed transfer material.

Claims 25. – 35. (Canceled)

36. (Previously Presented) The apparatus of claim 1, further comprising:

a heat dissipating element coupled to the unitary, substantially uniformly distributed transfer material.

37. (Currently Amended) An apparatus, comprising:

a unitary, substantially uniformly distributed transfer material forming a mesh; and

a carrier material coupled to the unitary, substantially uniformly distributed transfer material, ~~The apparatus of claim 1,~~ wherein the unitary, substantially uniformly distributed transfer material includes[[:]] an array of solderable elements coupled to each other by a plurality of solderable connecting elements.

38. (Previously Presented) The apparatus of claim 37, wherein the array of solderable elements is at least partially embedded in the carrier material.

39. (Previously Presented) The apparatus of claim 37, wherein an average volume of each one of the plurality of solderable connecting elements is less than about one-half of a volume of an average size of each one of the array of solderable elements.

40. (Previously Presented) The apparatus of claim 6, wherein the substantially repeating pattern comprises a parallel pattern.